

**From:** [Grisier, Mary](#)  
**To:** [Hopkins, Yvette](#); [Miller, Robert](#)  
**Subject:** Hawaii High Level episode - fish kill  
**Date:** Thursday, September 07, 2017 5:51:37 PM  
**Attachments:** [Fish Kill. 9.5.2017.pdf](#)

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Hi Yvette and Bob,

Will let you know as we get more information about sample analysis.

As background, Lehua island is the focus of a conservation project to eradicate rats and bring back the bird population to the island. There have been two diphacinone drops over the past couple of weeks, with the third planned for next week.

Let me know if you'd like further information on this.

Mary Grisier  
EPA Region 9  
(415)947-4213

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**From:** Matsuda, Thomas K [mailto:Thomas.K.Matsuda@hawaii.gov]  
**Sent:** Tuesday, September 05, 2017 7:59 PM  
**To:** Grisier, Mary <Grisier.Mary@epa.gov>; Magnan, Eric <Magnan.Eric@epa.gov>; Chen, Christopher <CHEN.CHRISTOPHER@EPA.GOV>  
**Cc:** Williams, Adam <adam.williams@hawaii.gov>; Ann Kam <Ann.M.Kam@hawaii.gov>; Enright, Scott <Scott.Enright@hawaii.gov>; McHugh, John <john.mchugh@hawaii.gov>; Chen, Jingyu <JingYu.Chen@hawaii.gov>; Knutson, Sean O <Sean.O.Knutson@hawaii.gov>; Wong, Raquel L <Raquel.L.Wong@hawaii.gov>; Ogata, Steven S <Steven.S.Ogata@hawaii.gov>  
**Subject:** High Level episode - fish kill

Aloha Mary,

Please see attachment pertaining to fish kill near Lehua Island.

Regards,  
Tom Matsuda



NO. TED

Department  
of Agriculture  
STATE OF HAWAII

## COMPLAINT/EPISODE REPORTING FORM

Name and address of complainant/reporter: Scott E. Enright

Telephone number: 973-9550

Nature of the complaint/episode:

Pesticide product name(s): Ditrac D-50 pellets; rodenticide bait (suspected)

Active ingredient(s): diphacinone (suspected)

EPA Reg. No(s). 12455-147

Type of complaint/episode:    Product            Use

Scott Enright reported that he received a text message from various sources alerting him to a fish kill involving approximately 45 fish on a shoal area of Lehua Island. Fish type believed to be some type of mullet. Contacted DLNR Sheri Mann (080) 729-0714 for information. She referred me to Shane Siers of APHIS to access dead fish [Shane.R.Siers@aphis.usda.gov]. I confirmed with HDOA CAL on no. of fish to collect 10 – 12. Also left voice mail and email to alert Ann Kam, Kauai Inspector to initiate chain of custody/collection with aphis usda for fish samples and to ship to Oahu for delivery to CAL for analysis.

Date of report:                      September 5, 2017

Individual completing form:

Thomas K. Matsuda *TKM*

Is this a high level episode? .Yes.

If yes, give date, time, and individual contacted at EPA.  
September 5, 2017. 4:40 pm HST. Mary Grisier and Chris Chen

Outcome: Ongoing investigation.

Referred for follow-up investigation by  
(Give name and target date):

Adam Williams. EHS; Sept. 6, 2017

## HAWAII PESTICIDE HIGH LEVEL EPISODES AND COMPLAINTS

HUMAN EFFECTS	Death (including suicide), serious injury (any confirmed pesticide illness requiring admission to a hospital for 25 hours or longer); any pesticide related illness involving three (3) or more persons; any pesticide related illness involving children.
ENVIRONMENTAL EFFECTS:	
Water	Pesticide residues in drinking water supply of ten (10) persons or more exceeding a health based regulatory or advisory level; or pesticide residues in a water supply of a sensitive ecosystem which may affect the ability of the flora or fauna to thrive in that ecosystem.
Air	Contamination of air requiring the evacuation of any area.
Land	One-half (1/2) acre or more of land which, through the use of pesticides, is rendered unusable for its intended use for a year or more.
Birds (non-target)	Death of ten (10) or more birds of any species.
Fish (non-target)	Death of twenty-five (25) or more fish of any species.
Other non-target	Death of ten (10) or more of any wild or feral mammals.
Endangered species	Death of any endangered or threatened species.
Domestic animals	Death of any domestic animal or pet, except that intentional poisoning of domestic animals or pets with pesticides is a police matter and is not required to be reported as a high level episode.
SIGNIFICANT USE VIOLATIONS	Section 18, worker protection standards, groundwater protection and endangered species.